

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (donor adj (coat\$3 or film or layer)) and (acceptor adj (coat\$3 or film or layer)) and (NLO or (nonlinear adj optical\$4) or (non adj linear adj optical\$4)))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:47
L2	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (donor adj (coat\$3 or film or layer)) and (acceptor adj (coat\$3 or film or layer)) and (TSL or ((spacer or spacing) adj layer))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:48
L3	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (donor adj (coat\$3 or film or layer)) and (acceptor adj (coat\$3 or film or layer))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:49
L4	7	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (MPS adj PPv)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:49
L5	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:49
L6	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (methyl near2 propyloxy near2 sulfonate near3 vinylene)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:50
L7	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (methyl near2 propyloxy near2 sulfonate near3 (vinylene or phenylene))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:50

L8	15	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (NLO or (nonlinear adj optical\$4) or (non adj linear adj optical\$4) or PAZO)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:50
L9	11	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((charge or electron or energy) near2 transfer\$5) and (polyelectrolyt\$4 or polyanion\$4 or polycation\$5 or ((ionic\$4 or self) adj assembl\$5))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:50
L10	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((charge or electron or energy) near2 transfer\$5) and (polyelectrolyt\$4 or polyanion\$4 or polycation\$5 or ((ionic\$4 or self) adj assembl\$5))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:50
L11	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (NLO or (nonlinear adj optical\$4) or (non adj linear adj optical\$4) or PAZO)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:50
L12	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (methyl near2 propyloxy near2 sulfonate near3 (vinylene or phenylene))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:51
L13	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (MPS adj PPv)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:51
L14	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (donor adj (coat\$3 or film or layer)) and (acceptor adj (coat\$3 or film or layer))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:51

L15	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (donor adj (coat\$3 or film or layer)) and (acceptor adj (coat\$3 or film or layer)) and (NLO or (nonlinear adj optical\$4) or (non adj linear adj optical\$4))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:51
L16	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and (NLO or (nonlinear adj optical\$4) or (non adj linear adj optical\$4))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:51
L17	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((charge or electron or energy or photoinduc\$8 or direction or control\$5) near3 (transfer\$6 or transport\$6)) and ((ionic\$5 or self) adj assembl\$5) and (superlattice or (super adj lattice))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:52
L18	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((charge or electron or energy or photoinduc\$8 or direction or control\$5) near3 (transfer\$6 or transport\$6)) and ((ionic\$5 or self) adj assembl\$5) and (superlattice or (super adj lattice))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:52
L19	4	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((charge or electron or energy or photoinduc\$8 or direction or control\$5) near3 (transfer\$6 or transport\$6)) and ((ionic\$5 or self) near2 assembl\$5)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:52
L20	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((charge or electron or energy or photoinduc\$8 or direction or control\$5) near3 (transfer\$6 or transport\$6)) and ((ionic\$5 or self) near2 assembl\$5)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:52

L21	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((charge or electron or energy or photoinduc\$8 or direction or control\$5) near3 (transfer\$6 or transport\$6)) and (superlattice or (super adj lattice))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:52
L22	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((charge or electron or energy or photoinduc\$8 or direction or control\$5) near3 (transfer\$6 or transport\$6)) and (superlattice or (super adj lattice))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:53
L23	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((ionic\$5 or self) adj assembl\$5) and (superlattice or (super adj lattice))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:53
L24	0	(McBranch.in. or DOE.as. or (department near2 energy).as. or (los adj alamos).as. or (university adj california).as.) and ((ionic\$5 or self) adj assembl\$5) and (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6))) and (donor or MPSPPv or (MPS adj PPv) or (\$10sulfonate near2 (\$10phenylene or \$10vinylene))) and (acceptor or C60 or buckyball or fullerene or (bucky adj ball) or "C.sub.60") and (spacer or spacing or PEI or (poly adj ethylene adj imine) or (poly adj ethyleneimine) or (polyethylene adj imine) or (polyethyleneimine) or PAH or polyallylamine or (poly adj \$3allyl adj amine) or (polyallyl adj amine) or (poly adj \$4allylamine) or PDDA or PSS or (polystyrene adj sulfonate) or (poly adj styrene adj sulfonate) or (poly adj styrenesulfonate) or PAZO or NLO or (non adj linear) or (nonlinear))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 12:53
L25	1882	(427/58,108).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/10 12:54

L26	2667	(427/162,164,165,169).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/10 12:54
L27	1399	(427/402).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/10 12:54
L28	2111	(427/430.1,443.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/10 12:54
L29	7553	L25 L26 L27 L28	US-PGPUB; USPAT	OR	ON	2005/11/10 12:54
L30	7553	L25 L26 L27 L28	US-PGPUB; USPAT	OR	ON	2005/11/10 12:55
L31	3	L30 and (((electron or charge or energy) adj (transfer\$6)) same (NLO or ((nonlinear or (non adj linear)) near2 optic\$6)))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:55
L32	3	L30 and (((electron or charge or energy) adj (transfer\$6)) same (NLO or ((nonlinear or (non adj linear)) near2 optic\$6)))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:55
L33	209	(((electron or charge or energy) adj (transfer\$6)) same (NLO or ((nonlinear or (non adj linear)) near2 optic\$6)))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:55
L34	206	L33 not L32	US-PGPUB; USPAT	OR	ON	2005/11/10 12:56
L35	206	L33 not L32	US-PGPUB; USPAT	OR	ON	2005/11/10 12:57
L36	48	L35 and (polyelectrolyt\$4 or polyanion\$4 or polycation\$5 or ((ionic\$4 or self) adj assembl\$5))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:57
L37	0	L35 and ((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PEI or PAH or PDDA or PSS or PPI or dendrimer or (poly adj ((ethylene adj imine) or (allyl adj amine) or (styrene adj sulfonate) or (propylene adj imine)))) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene) and (PAZO)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:58

L38	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PEI or PAH or PDDA or PSS or PPI or dendrimer or (poly adj ((ethylene adj imine) or (allyl adj amine) or (styrene adj sulfonate) or (propylene adj imine)))) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene) and (PAZO)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:58
L39	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PEI or PAH or PDDA or PSS or PPI or dendrimer or (poly adj ((ethylene adj imine) or (allyl adj amine) or (styrene adj sulfonate) or (propylene adj imine)))) and (PAZO)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:58
L40	16	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PEI or PAH or PDDA or PSS or PPI or dendrimer or (poly adj ((ethylene adj imine) or (allyl adj amine) or (styrene adj sulfonate) or (propylene adj imine))))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:58
L41	0	L35 and ((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene) and (PAZO)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:58
L42	0	L35 and ((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PAZO)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:59
L43	0	L35 and ((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:59
L44	0	L35 and ((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv))	US-PGPUB; USPAT	OR	ON	2005/11/10 12:59
L45	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene) and (PAZO)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:59

L46	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (PAZO)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:59
L47	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv)) and (C60 or "C.sub.60" or \$8fullerene or buckminsterfullerene)	US-PGPUB; USPAT	OR	ON	2005/11/10 12:59
L48	34	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:00
L49	0	L35 and (((donor or (charge adj generat\$5) or donating) near2 (coat\$3 or film or layer)) or CGL) and (((accept\$7) near2 (coat\$3 or film or layer)) or CAL) and (PAZO or (nonlinear\$3) or (non adj linear\$3))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:01
L50	77	(((donor or (charge adj generat\$5) or donating) near2 (coat\$3 or film or layer)) or CGL) and (((accept\$7) near2 (coat\$3 or film or layer)) or CAL) and (PAZO or (nonlinear\$3) or (non adj linear\$3))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:02
L51	100	(((donor or (charge adj generat\$5) or donating) near2 (coat\$3 or film or layer)) or CGL) and (((accept\$7) near2 (coat\$3 or film or layer)) or CAL) and (TSL or (spac\$5 near2 (coat\$3 or film or layer)))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:02
L52	552	(NLO or ((nonlinear or (non adj linear)) near2 optic\$6)) and (polyelectrolyt\$4 or polyanion\$4 or polycation\$5 or ((ionic\$4 or self) adj assembl\$5))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:04
L53	18	L52 and L30	US-PGPUB; USPAT	OR	ON	2005/11/10 13:04
L54	1123	(((electron or charge or energy) adj (transfer\$6)) and (NLO or ((nonlinear or (non adj linear)) near2 optic\$6)))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:05
L55	175	L54 and (polyelectrolyt\$4 or polyanion\$4 or polycation\$5 or ((ionic\$4 or self) adj assembl\$5))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:05

L56	3	((charge or electron or energy) near3 transfer\$5 with between with (donor adj (coat\$3 or film or layer)) with (acceptor adj (coat\$3 or film or layer)))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:09
L57	5	((charge or electron or energy) near3 transfer\$5 with (donor adj (coat\$3 or film or layer)) with (acceptor adj (coat\$3 or film or layer)))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:09
L58	12	(transfer\$5 with (donor adj (coat\$3 or film or layer)) with (acceptor adj (coat\$3 or film or layer)))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:09
L59	2	((charge or electron or energy) near3 transfer\$5 with between with (donor adj (coat\$3 or film or layer)) with (acceptor adj (coat\$3 or film or layer)))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:09
L60	3	((charge or electron or energy) near3 transfer\$5 with (donor adj (coat\$3 or film or layer)) with (acceptor adj (coat\$3 or film or layer)))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:10
L61	1	((donor adj (coat\$3 or film or layer)) same (acceptor adj (coat\$3 or film or layer)) same (NLO or nonlinear\$5 or (non adj linear\$5)))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:10
L62	0	((donor adj (coat\$3 or film or layer)) same (acceptor adj (coat\$3 or film or layer)) same (NLO or nonlinear\$5 or (non adj linear\$5)))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:10
L63	13	((donor adj (coat\$3 or film or layer)) same (acceptor adj (coat\$3 or film or layer))) and (NLO or nonlinear\$5 or (non adj linear\$5))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:10
L64	0	(NLO or ((nonlinear\$5 or (non adj linear\$5) adj optic\$7))) with sandwi\$7 with (donat\$6) with accept\$6	US-PGPUB; USPAT	OR	ON	2005/11/10 13:10
L65	157	(NLO or ((nonlinear\$5 or (non adj linear\$5) adj optic\$7))) with sandwi\$7	US-PGPUB; USPAT	OR	ON	2005/11/10 13:11
L67	72	L54 and ((donor or donating or acceptor or accept\$6) near2 (coat\$3 or film or layer))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:12
L68	0	((methyl near2 propyloxy near2 sulfonate near2 phenylene near2 vinylene) or (MPS adj PPv))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:12

L69	3	L30 and ((ionic\$5 or self) adj assembl\$5) and (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6))) and (donor or MPSPPv or (MPS adj PPv) or (\$10sulfonate near2 (\$10phenylene or \$10vinylene))) and (acceptor or C60 or buckyball or fullerene or (bucky adj ball) or "C.sub.60") and (spacer or spacing or PEI or (poly adj ethylene adj imine) or (poly adj ethyleneimine) or (polyethylene adj imine) or (polyethyleneimine) or PAH or polyallylamine or (poly adj \$3allyl adj amine) or (polyallyl adj amine) or (poly adj \$4allylamine) or PDDA or PSS or (polystyrene adj sulfonate) or (poly adj styrene adj sulfonate) or (poly adj styrenesulfonate) or PAZO or NLO or (non adj linear) or (nonlinear))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:12
L70	0	((ionic\$5 or self) adj assembl\$5) and (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6))) and (donor or MPSPPv or (MPS adj PPv) or (\$10sulfonate near2 (\$10phenylene or \$10vinylene))) and (acceptor or C60 or buckyball or fullerene or (bucky adj ball) or "C.sub.60") and (spacer or spacing or PEI or (poly adj ethylene adj imine) or (poly adj ethyleneimine) or (polyethylene adj imine) or (polyethyleneimine) or PAH or polyallylamine or (poly adj \$3allyl adj amine) or (polyallyl adj amine) or (poly adj \$4allylamine) or PDDA or PSS or (polystyrene adj sulfonate) or (poly adj styrene adj sulfonate) or (poly adj styrenesulfonate) or PAZO or NLO or (non adj linear) or (nonlinear))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:13

L71	1	(((ionic\$5 or self) adj assembl\$5) or (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6)))) and (donor or MPSPPv or (MPS adj PPv) or (\$10sulfonate near2 (\$10phenylene or \$10vinylene))) and (acceptor or C60 or buckyball or fullerene or (bucky adj ball) or "C.sub.60") and (spacer or spacing or PEI or (poly adj ethylene adj imine) or (poly adj ethyleneimine) or (polyethylene adj imine) or (polyethyleneimine) or PAH or polyallylamine or (poly adj \$3allyl adj amine) or (polyallyl adj amine) or (poly adj \$4allylamine) or PDDA or PSS or (polystyrene adj sulfonate) or (poly adj styrene adj sulfonate) or (poly adj styrenesulfonate) or PAZO or NLO or (non adj linear) or (nonlinear))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:15
L72	1696	(((ionic\$5 or self) adj assembl\$5) or (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6)))) and (donor or MPSPPv or (MPS adj PPv) or (\$10sulfonate near2 (\$10phenylene or \$10vinylene))) and (acceptor or C60 or buckyball or fullerene or (bucky adj ball) or "C.sub.60") and (spacer or spacing or PEI or (poly adj ethylene adj imine) or (poly adj ethyleneimine) or (polyethylene adj imine) or (polyethyleneimine) or PAH or polyallylamine or (poly adj \$3allyl adj amine) or (polyallyl adj amine) or (poly adj \$4allylamine) or PDDA or PSS or (polystyrene adj sulfonate) or (poly adj styrene adj sulfonate) or (poly adj styrenesulfonate) or PAZO or NLO or (non adj linear) or (nonlinear))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:15
L73	118	L72 and (superlattice or (super adj lattice))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:15
L74	146	L72 and ((control\$6 or direction or directed) with (charge or energy or electron or photo\$9 or photoinduc\$7) near3 (transfer\$6 or transport\$6))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:17

L76	62	(((ionic\$5 or self) adj assembl\$5) or (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6)))) and ((donor or MPSPPv or (MPS adj PPv) or (\$10sulfonate near2 (\$10phenylene or \$10vinylene))) with (coat\$4 or film or layer or multilayer or monolayer)) and ((acceptor or C60 or buckyball or fullerene or (bucky adj ball) or "C. sub.60") with (coat\$5 or film or layer or monolayer or multilayer)) and ((spacer or spacing or PEI or (poly adj ethylene adj imine) or (poly adj ethyleneimine) or (polyethylene adj imine) or (polyethyleneimine) or PAH or polyallylamine or (poly adj \$3allyl adj amine) or (polyallyl adj amine) or (poly adj \$4allylamine) or PDDA or PSS or (polystyrene adj sulfonate) or (poly adj styrene adj sulfonate) or (poly adj styrenesulfonate) or PAZO or NLO or (non adj linear) or (nonlinear)) with (coat\$5 or film or layer or monolayer or multilayer))	US-PGPUB; USPAT	OR	ON	2005/11/10 13:22
-----	----	--	-----------------	----	----	------------------

L77	0	(((ionic\$5 or self) adj assembl\$5) or (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6)))) and ((donor or MPSPPv or (MPS adj PPv) or (\$10sulfonate near2 (\$10phenylene or \$10vinylene))) with (coat\$4 or film or layer or multilayer or monolayer)) and ((acceptor or C60 or buckyball or fullerene or (bucky adj ball) or "C. sub.60") with (coat\$5 or film or layer or monolayer or multilayer)) and ((spacer or spacing or PEI or (poly adj ethylene adj imine) or (poly adj ethyleneimine) or (polyethylene adj imine) or (polyethyleneimine) or PAH or polyallylamine or (poly adj \$3allyl adj amine) or (polyallyl adj amine) or (poly adj \$4allylamine) or PDDA or PSS or (polystyrene adj sulfonate) or (poly adj styrene adj sulfonate) or (poly adj styrenesulfonate) or PAZO or NLO or (non adj linear) or (nonlinear)) with (coat\$5 or film or layer or monolayer or multilayer))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:23
L78	218	(((ionic\$5 or self) adj assembl\$5) or (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6)))) same (NLO or nonlinear or (non adj linear))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:24
L79	18	L78 and ((control\$6 or direction or directed) with (charge or energy or electron or photo\$7 or photoinduc\$7) near3 (transfer\$6 or transport\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:24
L80	72	L78 and ((charge or energy or electron or photo\$7 or photoinduc\$7) near3 (transfer\$6 or transport\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:25
L81	4	L78 and (CGL or ((donor or donating or doner or generat\$5) near2 (coat\$4 or film or layer or monolayer))) and ((accept\$5 or receiv\$6 or reciev\$5) near2 (coat\$4 or film or layer or monolayer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:25

L82	8	((ionic\$5 or self) adj assembl\$5) or (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6)))) and (NLO or nonlinear or (non adj linear)) and ((charge or energy or electron or photo\$7 or photoinduc\$7) near3 (transfer\$6 or transport\$6)) and (CGL or ((donor or donating or doner or generat\$5) near2 (coat\$4 or film or layer or monolayer))) and ((accept\$5 or receiv\$6 or reciev\$5) near2 (coat\$4 or film or layer or monolayer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:26
L83	2	((ionic\$5 or self) adj assembl\$5) or (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6)))) and ((charge or energy or electron or photo\$7 or photoinduc\$7) near3 (transfer\$6 or transport\$6)) and (CGL or ((donor or donating or doner or generat\$5) near2 (coat\$4 or film or layer or monolayer))) and ((accept\$5 or receiv\$6 or reciev\$5) near2 (coat\$4 or film or layer or monolayer)) and (superlattice or (super adj lattice))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:28
L84	64	((ionic\$5 or self) adj assembl\$5) or (polyanion\$5 or polycation\$5 or polyelectroly\$6 or polyion\$6 or (poly adj (anion\$4 or cation\$5 or electrolyt\$5 or ion\$6)))) and ((charge or energy or electron or photo\$7 or photoinduc\$7) near3 (transfer\$6 or transport\$6)) and (CGL or ((donor or donating or doner or generat\$5) near2 (coat\$4 or film or layer or monolayer))) and ((accept\$5 or receiv\$6 or reciev\$5) near2 (coat\$4 or film or layer or monolayer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:30
L85	2	(("5724187") or ("6162603")).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/10 13:31